



EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA DECEMBER QUARTER 1983

PHONE INQUIRIES *for more information about these statistics*—contact Mr Terry Sharp on Canberra (062) 52 6655 or any of our State offices.
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EXPLANATORY NOTES

Introduction

This publication contains results of the quarterly Survey of Employment and Earnings which was introduced in the September quarter 1983. The survey is designed to obtain from employers information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of the new survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

Scope of the survey

3. All wage and salary earners who received pay in the three months, 1 October to 31 December, 1983 were

represented in the survey, except:

- (a) members of the Australian permanent defence forces;
- (b) employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting;
- (c) employees in private households employing staff;
- (d) unpaid family helpers;
- (e) employees of overseas embassies, consulates, etc.;
- (f) employees based outside Australia;
- (g) self employed persons such as subcontractors, owner drivers and consultants.

4. Estimates of employed wage and salary earners within the scope of the survey are shown below, together with estimates of those wage and salary earners employed in agriculture, forestry, fishing, hunting, private households and members of the Australian permanent defence forces who are excluded from the scope of the survey.

NOVEMBER 1983
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	N.S.W.	VIC.	QLD	S.A.	W.A.	TAS.	N.T.	A.C.T.	AUST.
Estimates of employed wage and salary earners from survey of employers	1,807.6	1,378.1	747.1	442.6	451.4	138.8	45.7	104.7	5,116.0
Estimates of employed wage and salary earners out of scope of survey(a)	68.3	44.8	49.8	19.7	21.1	6.2	2.2	6.1	218.0

(a) Comprises estimates of wage and salary earners in the private sector employed in agriculture, forestry, fishing, hunting, private households and members of the permanent defence forces.

Survey design

5. The survey is conducted by mail each quarter with data collected on monthly employment and quarterly earnings. For the first and last month of each quarter the number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time, are collected. (Estimates of full-time and part-time employees have not been included in this issue, but are available on request.)

6. For the *Private sector*, a sample of approximately 20,000 private employers was selected from the ABS register of businesses to ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had significant employment in more than one

industry, a separate statistical unit was created for each industry. The statistical units were stratified by State, industry and size of employment and a simple random sample selected from each stratum.

7. For the *Government sector*, statistical units were derived in the same way as for the private sector; data from *all* government units are collected in the survey.

Definitions

8. *Reference period* for the survey is the last pay-period ending on or before 21 October, 18 November and 16 December 1983.

9. *Number of employees* refers to all employees who received pay for any part of the relevant pay-period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay-period, employees on leave without pay, on strike or stood down without pay for the whole of the pay-period are excluded.

10. *Full-time employees* are permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and received pay for any part of the reference period; if agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

11. *Part-time employees* are permanent, temporary and casual employees who are not full-time employees as defined above.

12. *Government employees* comprise not only administrative employees but also all other employees of Commonwealth, State, local and semi-government bodies engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

13. *Commonwealth employees* are those employed by all government departments, agencies and authorities created by or reporting to the Commonwealth Parliament. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

14. *State employees* are those employed by all State government departments and authorities created by or reporting to State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility e.g. universities. Following self-government, the Northern Territory administration has been classified as a 'State' government.

15. *Local Government employees* are those employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

Reliability of estimates

16. As the estimates of private sector employment in this publication are based on information relating to a sample of employers rather than a full enumeration, they are subject to sampling variability. That is, they may differ from the figures that would have been produced if the information had been obtained from all employers. This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

17. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the standard error which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

18. If the standard error of an estimate is large relative to the size of the estimate, this detracts seriously from the usefulness of that estimate.

19. Standard errors on *levels* for industries are shown only for the month of December. As the survey is conducted quarterly from a common sample of employers, which report employment details for each month of the quarter, standard errors on all estimates for total persons employed in October, November and December are of a similar magnitude.

20. Standard errors on *movements* provide a measure of the reliability of changes in the level of an estimate. In this issue, standard errors for movements relate to the change in level of estimates for persons between the months of September and December 1983.

21. An example of the use of standard error on *levels* for the December 1983 estimates is as follows. Table 1 shows the estimated number of wage and salary earners for December 1983 as being 5,111,800, with a standard error of 17,200. Therefore there are about two chances in three that a full enumeration would have given a figure in the range 5,094,600 to 5,129,000 and about nineteen chances in twenty that it would be in the range 5,077,400 to 5,146,200.

22. Standard errors not shown in the publication are available on request.

Interpretation of estimates of movements

23. Whilst estimates of employed wage and salary earners are presented in this publication for each month of the calendar quarter, the survey is conducted quarterly and the sample of employers is updated each quarter to reflect changes in the ABS register of business units from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification and size of employment and businesses which have ceased operations.

24. Estimates of monthly movements within each calendar quarter arise solely from changes in reported employment by employers but quarterly movements also reflect changes resulting from updating the survey sample.

Industry classification

25. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1978 Edition*, (1201.0).

Comparability of results

26. The new series differs in several important ways from the former payroll tax-based civilian employees series and estimates of employed wage and salary earners provided by the Labour Force Survey. In particular, data are obtained directly from a sample survey of employers drawn from an ABS register of business units which is more complete than the coverage provided by employers subject to payroll tax. Comparability with Labour Force Survey estimates is affected by the use of a different survey methodology and definitions. A detailed description of the comparability between the new Survey of Employers series, the former payroll tax-based Civilian Employees series and the series provided by the Labour Force Survey is presented in the *Information Paper* (6256.0) referred to above.

27. Prior to July 1983 the number of government employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Commonwealth Government departments and authorities generally reported the number of employees on the payroll on the last working day of the month, but for State and local government employees data were usually provided for the last day of the last pay-period

ending in the month. In an attempt to provide unduplicated estimates of the number of persons who were wage and salary earners, certain government returns were adjusted to exclude some part-time employees considered to have full-time jobs elsewhere.

28. Government employment figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employers.

29. Because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of government employees in forestry and services to agriculture (11,200 in May 1983), differences occur between the new and old government series. To provide a statistical link between the new and old government series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

Related publications

30. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia (6203.0)—issued monthly

Information Paper: Review of ABS Employment Statistics (6239.0)—issued 8 July 1981

Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies (6256.0)—issued 21 June 1984.

31. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

- .. not applicable.
- nil or rounded to zero.
- r revised.

R. J. CAMERON
Australian Statistician

**TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA
PERSONS ('000)**

Month	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
1983—									
July r	1,768.9	1,375.6	736.0	429.1	449.1	136.6	42.6	100.5	5,038.4
August r	1,778.3	1,384.3	740.3	430.7	452.5	137.7	43.1	101.3	5,068.3
September r	1,777.8	1,386.2	743.3	432.1	449.8	137.4	43.1	101.2	5,071.0
October	1,793.2	1,368.4	747.5	439.3	449.7	137.4	45.9	102.8	5,084.2
November	1,807.6	1,378.1	747.1	442.6	451.4	138.8	45.7	104.7	5,116.0
December	1,803.1	1,379.3	739.3	445.5	454.4	139.9	44.8	105.6	5,111.8
Standard error(a)									
—level	9.5	9.6	7.4	4.4	5.3	2.4	1.0	2.0	17.2
—movement	8.3	8.3	5.2	3.7	5.2	2.2	0.8	1.8	14.6

(a) See Explanatory notes, paragraphs 16-22.

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES
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State/Sector	Sept. 1983	Oct. 1983	Nov. 1983		Dec. 1983		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
New South Wales	1,777.8	1,793.2	1,074.6	732.9	1,807.6	1,803.1	9.5	8.3
Private	1,235.6	1,249.5	730.3	533.3	1,263.6	1,266.0	9.5	8.3
Government	542.2	543.7	344.4	199.6	544.0	537.1	—	—
Commonwealth	126.7	128.1	85.9	42.9	128.8	129.4	—	—
State	355.7	356.0	208.3	147.3	355.5	347.8	—	—
Local	59.8	59.6	50.2	9.5	59.7	60.0	—	—
Victoria	1,386.2	1,368.4	813.6	564.5	1,378.1	1,379.3	9.6	8.3
Private	968.3	949.3	557.3	401.2	958.5	961.2	9.6	8.3
Government	417.9	419.1	256.3	163.3	419.6	418.1	—	—
Commonwealth	99.3	98.4	69.4	30.1	99.5	99.6	—	—
State	282.5	284.2	164.8	118.4	283.2	281.1	—	—
Local	36.1	36.5	22.1	14.8	36.9	37.3	—	—
Queensland	743.3	747.5	458.6	288.5	747.1	739.3	7.4	5.2
Private	496.5	500.7	296.7	203.3	499.9	499.5	7.4	5.2
Government	246.8	246.9	162.0	85.2	247.2	239.8	—	—
Commonwealth	47.0	47.9	32.2	16.0	48.2	48.6	—	—
State	172.5	171.9	106.0	66.0	171.9	164.6	—	—
Local	27.3	27.1	23.8	3.3	27.1	26.6	—	—
South Australia	432.1	439.3	258.3	184.3	442.6	445.5	4.4	3.7
Private	282.5	289.2	168.1	124.0	292.1	295.2	4.4	3.7
Government	149.7	150.1	90.2	60.3	150.5	150.3	—	—
Commonwealth	36.8	37.0	28.4	8.7	37.1	37.3	—	—
State	105.5	105.5	55.8	49.8	105.7	105.1	—	—
Local	7.3	7.6	6.0	1.8	7.8	7.9	—	—
Western Australia	449.8	449.7	269.8	181.6	451.4	454.4	5.3	5.2
Private	301.3	300.6	179.4	122.6	302.0	305.4	5.3	5.2
Government	148.5	149.1	90.4	59.0	149.4	149.0	—	—
Commonwealth	24.6	24.7	16.6	8.3	24.8	25.0	—	—
State	114.8	115.1	66.5	48.6	115.1	114.4	—	—
Local	9.1	9.3	7.4	2.1	9.5	9.6	—	—
Tasmania	137.4	137.4	84.3	54.5	138.8	139.9	2.4	2.2
Private	84.9	84.9	52.4	33.8	86.2	87.7	2.4	2.2
Government	52.5	52.5	32.0	20.6	52.6	52.2	—	—
Commonwealth	9.7	9.7	7.2	2.6	9.8	9.8	—	—
State	39.5	39.4	22.0	17.4	39.4	39.0	—	—
Local	3.3	3.3	2.8	0.6	3.3	3.4	—	—
Northern Territory	43.1	45.9	27.0	18.6	45.7	44.8	1.0	0.8
Private	23.3	25.6	15.5	9.8	25.3	24.6	1.0	0.8
Government	19.8	20.4	11.5	8.8	20.3	20.2	—	—
Commonwealth	4.1	4.3	2.8	1.5	4.3	4.3	—	—
N.T. Government	15.1	15.5	8.3	7.2	15.5	15.3	—	—
Local	0.6	0.6	0.4	0.1	0.6	0.6	—	—
Australian Capital Territory	101.2	102.8	57.6	47.1	104.7	105.6	2.0	1.8
Private	38.6	40.0	20.7	20.3	41.0	41.4	2.0	1.8
Government	62.6	62.8	37.0	26.8	63.7	64.2	—	—
Australia	5,071.0	5,084.2	3,044.0	2,072.1	5,116.0	5,111.8	17.2	14.6
Private	3,431.0	3,439.7	2,020.3	1,448.4	3,468.7	3,481.0	17.2	14.6
Government	1,640.0	1,644.5	1,023.7	623.6	1,647.3	1,630.8	—	—
Commonwealth	410.5	412.6	279.3	136.6	415.9	418.0	—	—
State(b)	1,086.0	1,087.9	631.8	454.8	1,086.6	1,067.6	—	—
Local	143.5	144.0	112.6	32.2	144.8	145.3	—	—

(a) See Explanatory notes, paragraphs 16-22. (b) Includes the Northern Territory Government.

TABLE 3. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA: PRIVATE SECTOR—INDUSTRY
(^{'000})

Industry	Sept. 1983		Oct. 1983		Nov. 1983		Dec. 1983	
	Persons	Persons	Males	Females	Persons	Persons	Standard error(a)	
							Level	Movement
Mining	76.1	76.5	70.3	6.3	76.6	77.0	1.5	1.3
Manufacturing	958.7	949.1	699.5	255.0	954.5	953.7	5.1	6.2
Food, beverages and tobacco	168.3	166.3	116.7	48.2	165.0	162.8	1.9	2.2
Textiles, clothing and footwear	97.8	97.9	34.9	63.8	98.7	99.2	1.4	1.9
Wood, wood products and furniture	66.6	65.8	56.6	10.3	66.9	67.4	1.3	1.5
Paper, printing and publishing	100.9	95.9	67.6	30.1	97.7	96.6	1.7	2.6
Chemical, petroleum and coal products	55.7	53.7	39.9	13.9	53.8	53.9	1.6	1.4
Non-metallic mineral products	34.7	37.8	33.4	4.7	38.1	38.0	0.6	0.6
Basic metal products	76.1	74.4	68.8	5.9	74.7	74.8	0.4	0.5
Fabricated metal products	91.4	90.9	75.1	16.1	91.2	91.7	2.2	2.4
Transport equipment	81.0	80.4	68.4	12.2	80.5	80.4	0.6	0.6
Other machinery and equipment	130.6	129.8	99.6	31.1	130.7	130.7	2.4	3.1
Miscellaneous manufacturing	55.6	56.1	38.5	18.8	57.2	58.1	1.3	1.8
Electricity, gas and water	6.2	6.3	5.4	0.9	6.3	6.4	—	—
Construction	184.8	181.2	157.9	23.8	181.7	179.4	5.0	4.8
Wholesale and retail trade	988.7	1,000.4	549.6	463.5	1,013.1	1,024.8	9.2	6.9
Wholesale trade	327.0	327.4	234.9	95.0	329.8	329.6	4.3	3.5
Retail trade	661.6	673.0	314.7	368.6	683.3	695.2	8.1	5.9
Transport and storage	122.9	124.4	100.6	25.8	126.4	128.5	3.3	2.9
Road transport	69.6	69.5	59.0	11.3	70.3	71.0	2.8	2.7
Other transport	53.3	54.9	41.6	14.5	56.1	57.4	1.8	1.1
Finance, property and business services	435.7	439.1	216.7	223.0	439.7	441.2	7.0	6.9
Community services	341.7	340.4	79.5	265.3	344.8	340.8	5.4	4.1
Health	163.7	170.0	23.6	147.4	171.0	172.0	4.1	3.0
Education	79.3	76.4	21.0	55.6	76.7	73.8	2.2	1.5
Other community services	98.6	94.0	34.8	62.2	97.1	95.0	2.9	2.4
Recreation, personal and other services(b)	316.1	322.2	140.8	184.8	325.6	329.2	8.2	5.6
Total all industries	3,431.0	3,439.7	2,020.3	1,448.4	3,468.7	3,481.0	17.2	14.6
Standard error(a)—level	19.3	17.0	11.1	9.8	16.9	17.2		

(a) See Explanatory notes, paragraphs 16-22. (b) Excludes private households employing staff.

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA: GOVERNMENT SECTOR—INDUSTRY
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Industry	Sept. 1983	Oct. 1983	Nov. 1983		Dec. 1983	
	Persons	Persons	Males	Females	Persons	Persons
Agriculture, forestry, fishing and hunting	11.3	11.2	9.8	1.5	11.3	11.4
Mining	6.8	6.7	6.5	0.2	6.7	6.8
Manufacturing	55.1	55.2	48.9	6.0	54.9	54.5
Electricity, gas and water	134.3	134.0	121.9	12.0	133.9	134.1
Construction	50.7	51.1	45.7	5.8	51.6	51.7
Wholesale and retail trade	4.9	4.9	3.4	1.6	5.0	5.0
Transport and storage	148.8	148.9	135.1	14.0	149.1	149.7
Communication	127.1	127.0	97.2	30.4	127.6	128.1
Finance, property and business services	91.6	92.4	45.5	47.7	93.2	94.0
Public administration and defence(a)	278.3	279.6	186.9	95.0	281.9	283.2
Community services	708.2	710.6	310.5	398.6	709.2	689.4
Health	252.9	253.1	72.4	179.9	252.3	251.5
Education	354.7	357.1	159.1	197.2	356.3	337.0
Other community services	100.7	100.4	79.1	21.5	100.6	100.9
Recreation, personal and other services	22.9	22.8	12.1	10.7	22.9	22.8
Total all industries	1,640.0	1,644.5	1,023.7	623.6	1,647.3	1,630.8

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA—INDUSTRY
(' 000)

Industry	Sept. 1983		Oct. 1983		Nov. 1983		Dec. 1983	
	Persons	Persons	Males	Females	Persons	Persons	Standard error(a)	
							Level	Movement
Mining	82.9	83.2	76.8	6.5	83.3	83.7	1.5	1.3
Manufacturing	1,013.8	1,004.3	748.4	261.0	1,009.4	1,008.2	5.1	6.2
Food, beverages and tobacco	173.9	171.5	121.1	48.8	170.0	167.5	1.9	2.2
Textiles, clothing and footwear	98.9	98.9	35.2	64.5	99.7	100.2	1.4	1.9
Wood, wood products and furniture	68.5	67.8	58.4	10.5	68.9	69.3	1.3	1.5
Paper, printing and publishing	105.5	100.5	70.9	31.3	102.3	101.2	1.7	2.6
Chemical, petroleum and coal products	59.7	57.7	42.7	15.1	57.8	58.0	1.6	1.4
Non-metallic mineral products	35.0	38.0	33.6	4.7	38.3	38.3	0.6	0.6
Basic metal products	76.3	74.6	69.0	5.9	74.9	75.0	0.4	0.5
Fabricated metal products	95.5	94.9	78.7	16.5	95.2	95.7	2.2	2.4
Transport equipment	111.3	111.3	98.2	13.1	111.3	111.2	0.6	0.6
Other machinery and equipment	133.7	132.9	102.2	31.6	133.8	133.8	2.4	3.1
Miscellaneous manufacturing	55.6	56.2	38.5	18.8	57.3	58.1	1.3	1.8
Electricity, gas and water	140.5	140.4	127.3	12.9	140.3	140.5	—	—
Construction	235.5	232.3	203.6	29.6	233.2	231.2	5.0	4.8
Wholesale and retail trade	993.6	1,005.3	552.9	465.1	1,018.1	1,029.8	9.2	6.9
Wholesale trade	331.4	331.7	237.9	96.3	334.2	334.1	4.3	3.5
Retail trade	662.2	673.6	315.0	368.8	683.8	695.8	8.1	5.9
Transport and storage	271.7	273.4	235.8	39.7	275.5	278.1	3.3	2.9
Road transport	89.1	89.0	76.7	13.0	89.7	90.4	2.8	2.7
Other transport	182.6	184.4	159.0	26.7	185.7	187.7	1.8	1.1
Communication	127.2	127.1	97.2	30.5	127.7	128.2	—	—
Finance, property and business services	527.3	531.5	262.2	270.7	533.0	535.2	7.0	6.9
Public administration and defence(b)	278.3	279.6	186.9	95.0	281.9	283.2	—	—
Community services	1,050.0	1,051.0	390.0	663.9	1,053.9	1,030.2	5.4	4.1
Health	416.6	423.1	96.0	327.3	423.3	423.5	4.1	3.0
Education	434.0	433.5	180.2	252.8	433.0	410.8	2.2	1.5
Other community services	199.3	194.4	113.9	83.7	197.6	195.8	2.9	2.4
Recreation, personal and other services(c)	339.0	345.0	152.9	195.5	348.4	352.0	8.2	5.6
Total all industries(d)	5,071.0	5,084.2	3,044.0	2,072.1	5,116.0	5,111.8	17.2	14.6
Standard error(a)—level	19.3	17.0	11.1	9.8	16.9	17.2		

(a) See Explanatory notes, paragraphs 16-22. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting (11,400 at December 1983).

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES—INDUSTRY
(' 000)

Industry	Sept. 1983	Oct. 1983	Nov. 1983		Dec. 1983		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	29.7	28.7	27.6	1.3	28.9	28.8	1.3	1.2
Manufacturing	359.4	361.2	268.7	95.1	363.8	362.7	3.2	4.0
Food, beverages and tobacco	56.4	54.0	37.4	15.9	53.3	52.8	1.1	1.7
Textiles, clothing and footwear	25.1	26.7	8.9	17.9	26.8	27.0	0.8	0.8
Wood, wood products and furniture	21.6	20.9	17.6	3.8	21.4	21.5	0.8	1.1
Paper, printing and publishing	36.3	34.3	23.9	12.0	35.9	35.1	1.2	2.0
Chemical, petroleum and coal products	26.6	27.6	18.8	8.9	27.6	27.5	1.1	0.8
Non-metallic mineral products	11.6	12.6	11.2	1.6	12.7	12.6	0.3	0.3
Basic metal products	39.6	39.7	36.8	3.0	39.7	39.6	0.3	0.4
Fabricated metal products	36.6	36.0	29.3	6.8	36.2	36.3	1.3	1.8
Transport equipment	29.4	28.7	26.0	2.8	28.8	28.6	0.3	0.3
Other machinery and equipment	57.0	59.2	44.7	14.9	59.6	59.5	1.4	1.4
Miscellaneous manufacturing	19.3	21.6	14.1	7.7	21.8	22.2	1.1	1.1
Electricity, gas and water	51.1	50.9	46.0	4.8	50.8	50.9	—	—
Construction	72.1	73.8	63.8	10.2	74.0	74.3	2.3	2.6
Wholesale and retail trade	354.8	361.0	198.1	167.5	365.6	369.1	5.6	4.4
Wholesale trade	127.5	128.4	89.7	39.3	129.1	128.6	3.1	2.7
Retail trade	227.3	232.6	108.3	128.2	236.6	240.5	4.7	3.4
Transport and storage	100.0	99.7	84.1	15.6	99.6	100.5	2.1	1.3
Communication	46.9	47.2	35.0	12.1	47.2	47.4	—	—
Finance, property and business services	220.3	221.6	104.6	117.4	222.1	222.3	3.8	3.7
Public administration and defence(b)	85.1	85.5	58.3	27.6	85.9	86.2	—	—
Community services	336.6	337.8	125.3	215.2	340.5	330.7	3.0	1.9
Health	139.6	142.6	32.3	110.2	142.5	142.3	2.2	1.4
Education	131.0	130.9	56.0	75.3	131.2	122.6	1.2	0.6
Other community services	65.9	64.2	37.0	29.7	66.7	65.8	1.7	1.2
Recreation, personal and other services(c)	118.5	122.6	60.3	65.4	125.7	126.7	3.5	2.6
Total all industries(d)	1,777.8	1,793.2	1,074.6	732.9	1,807.6	1,803.1	9.5	8.3
Standard error(a)—level	10.5	9.3	6.4	5.2	9.3	9.5		

For footnotes see Table 5.

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA-INDUSTRY
(^{' 000})

Industry	Sept. 1983		Oct. 1983		Nov. 1983		Dec. 1983	
	Persons	Persons	Males	Females	Persons	Persons	Standard error(a)	
							Level	Movement
Mining	5.7	6.1	5.6	0.5	6.1	6.2	0.2	0.2
Manufacturing	348.5	341.4	241.7	102.0	343.7	345.4	3.1	3.9
Food, beverages and tobacco	46.5	46.5	33.0	13.7	46.7	47.4	1.3	1.1
Textiles, clothing and footwear	58.0	57.2	20.6	37.0	57.7	57.9	1.1	1.7
Wood, wood products and furniture	16.6	17.5	15.4	2.4	17.8	17.8	0.5	0.6
Paper, printing and publishing	34.2	33.2	23.5	9.7	33.3	32.9	0.9	1.2
Chemical, petroleum and coal products	21.2	19.3	14.8	4.5	19.3	19.4	0.7	0.8
Non-metallic mineral products	10.1	11.4	9.5	2.1	11.6	11.7	0.4	0.3
Basic metal products	13.6	12.1	10.6	1.5	12.1	12.2	0.1	0.2
Fabricated metal products	30.6	29.4	24.6	5.1	29.6	29.8	1.3	1.2
Transport equipment	49.7	50.4	42.5	8.0	50.5	50.7	0.2	0.3
Other machinery and equipment	45.8	42.3	31.7	10.9	42.6	42.6	1.7	2.6
Miscellaneous manufacturing	22.2	22.2	15.5	7.1	22.7	23.0	0.6	0.6
Electricity, gas and water	40.4	40.2	36.5	3.8	40.3	40.3	—	—
Construction	56.2	52.5	46.0	7.0	53.0	52.8	2.8	2.6
Wholesale and retail trade	261.8	262.0	147.7	118.7	266.5	269.7	5.2	3.5
Wholesale trade	86.8	87.6	61.9	26.4	88.3	88.7	1.9	1.3
Retail trade	175.1	174.4	85.8	92.3	178.2	181.1	4.9	3.2
Transport and storage	66.9	66.4	57.2	9.6	66.8	68.0	1.9	2.2
Communication	33.3	32.8	25.6	7.9	33.5	33.2	—	—
Finance, property and business services	134.5	131.2	67.3	64.0	131.3	132.1	4.2	3.9
Public administration and defence(b)	68.9	68.2	41.6	27.3	68.9	69.6	—	—
Community services	278.4	279.1	103.1	175.0	278.1	273.5	3.4	2.7
Health	108.0	109.7	24.7	84.6	109.4	109.5	2.4	1.7
Education	118.2	118.2	49.8	67.5	117.3	113.0	1.4	1.1
Other community services	52.2	51.2	28.5	22.9	51.4	51.0	1.8	1.8
Recreation, personal and other services(c)	89.4	86.1	39.2	48.3	87.5	86.0	3.9	2.6
Total all industries(d)	1,386.2	1,368.4	813.6	564.5	1,378.1	1,379.3	9.6	8.3
Standard error(a)—level	11.9	9.7	6.5	5.6	9.7	9.6		

For footnotes see Table 5.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND—INDUSTRY
(' 000)

Industry	Sept. 1983	Oct. 1983	Nov. 1983		Dec. 1983		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	17.0	16.8	15.7	1.2	16.9	16.9	0.4	0.3
Manufacturing	121.9	117.3	92.5	23.4	115.9	113.9	1.7	1.5
Food, beverages and tobacco	35.6	33.9	24.8	7.7	32.6	30.1	0.6	0.7
Chemical, petroleum and coal products; non-metallic mineral products	10.9	9.7	8.7	1.0	9.8	9.7	0.6	0.4
Metal products	19.1	18.4	16.1	2.5	18.5	18.9	0.8	0.6
Transport equipment	12.3	12.3	11.5	0.6	12.1	12.1	0.4	0.3
Other machinery and equipment	9.6	10.4	8.8	1.5	10.3	10.2	0.5	0.5
Other manufacturing(b)	34.4	32.5	22.6	10.1	32.6	32.9	1.0	0.9
Electricity, gas and water	19.4	19.7	17.7	2.0	19.7	19.7	—	—
Construction	47.0	48.1	42.7	5.3	48.0	47.2	2.8	2.2
Wholesale and retail trade	154.8	157.5	83.6	74.7	158.3	159.3	3.1	2.4
Wholesale trade	47.8	47.7	35.1	12.8	47.9	47.8	1.3	1.2
Retail trade	107.0	109.8	48.5	61.9	110.4	111.5	2.8	2.1
Transport and storage	48.0	49.6	44.5	5.8	50.2	49.6	1.4	1.0
Communication	20.6	20.6	16.1	4.5	20.6	20.9	—	—
Finance, property and business services	68.3	72.1	36.9	35.4	72.4	73.0	2.8	2.6
Public administration and defence(c)	40.8	40.9	30.1	10.9	41.0	40.5	—	—
Community services	150.1	147.7	56.4	91.3	147.7	140.5	1.2	1.3
Health	59.6	57.9	14.4	43.7	58.1	57.9	0.9	1.2
Education	63.5	63.2	24.6	38.5	63.2	56.2	0.7	0.4
Other community services	27.1	26.6	17.4	9.1	26.5	26.5	0.5	0.3
Recreation, personal and other services(d)	52.9	54.7	20.3	33.6	53.8	55.3	4.8	2.2
Total all industries(e)	743.3	747.5	458.6	288.5	747.1	739.3	7.4	5.2
Standard error(a)—level	7.6	7.7	4.5	4.4	7.4	7.4		

(a) See Explanatory notes, paragraphs 16-22. (b) Includes textiles, clothing and footwear; wood, wood products and furniture; paper, printing and publishing; miscellaneous manufacturing. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (d) Excludes private households employing staff. (e) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA—INDUSTRY
(^{'000})

	Sept. 1983	Oct. 1983	Nov. 1983			Dec. 1983		
							Standard error(a)	
Industry	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	3.0	3.4	3.0	0.4	3.4	3.4	0.3	0.2
Manufacturing	92.7	93.1	71.8	22.2	94.0	94.5	1.4	1.3
Food, beverages and tobacco	18.0	17.8	12.6	5.3	18.0	17.9	0.3	0.4
Chemical, petroleum and coal products; non-metallic mineral products	5.1	5.5	4.6	1.0	5.5	5.7	0.7	0.7
Metal products	15.6	15.4	13.7	1.9	15.6	15.6	0.5	0.7
Transport equipment	14.0	14.2	13.0	1.2	14.2	14.1	0.2	0.1
Other machinery and equipment	13.1	14.1	10.8	3.4	14.2	14.6	0.8	0.6
Other manufacturing(b)	26.8	26.1	17.2	9.5	26.6	26.5	0.6	0.5
Electricity, gas and water	11.0	11.0	10.3	0.8	11.1	11.0	—	—
Construction	18.3	18.4	16.5	2.2	18.7	18.5	0.8	0.6
Wholesale and retail trade	85.4	88.5	48.0	41.2	89.2	90.9	3.0	2.3
Wholesale trade	27.8	26.7	19.8	7.2	27.0	26.9	1.1	0.9
Retail trade	57.7	61.8	28.2	34.0	62.2	64.0	2.8	2.1
Transport and storage	19.6	19.6	17.9	2.5	20.4	20.6	0.5	0.4
Communication	10.8	10.7	8.6	2.2	10.8	10.9	—	—
Finance, property and business services	37.4	38.3	19.2	19.2	38.4	38.3	1.2	1.6
Public administration and defence(c)	21.4	21.7	15.3	6.7	22.0	22.2	—	—
Community services	105.9	107.5	36.9	70.9	107.8	107.5	2.0	1.6
Health	43.8	46.0	9.4	36.8	46.2	46.4	1.8	1.5
Education	43.0	42.5	16.9	25.6	42.5	42.1	0.4	0.4
Other community services	19.2	18.9	10.6	8.5	19.1	19.0	0.7	0.5
Recreation, personal and other services(d)	26.2	26.6	10.5	16.1	26.6	27.2	1.4	1.1
Total all industries(e)	432.1	439.3	258.3	184.3	442.6	445.5	4.4	3.7
Standard error(a)—level	4.1	4.2	2.5	3.0	4.3	4.4		

For footnotes see Table 8.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA—INDUSTRY
(' 000)

Industry	Sept. 1983	Oct. 1983	Nov. 1983		Dec. 1983		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	22.4	22.7	19.9	2.6	22.5	22.9	0.6	0.4
Manufacturing	61.2	60.4	48.9	11.9	60.8	60.7	1.1	1.7
Food, beverages and tobacco	10.5	11.9	8.3	3.6	11.9	11.8	0.4	0.4
Chemical, petroleum and coal products; non-metallic mineral products	7.2	7.6	6.9	0.8	7.7	7.7	0.2	0.2
Metal products	10.3	12.0	10.7	1.2	11.9	11.8	0.7	0.6
Transport equipment	5.0	4.9	4.5	0.4	4.9	4.9	0.1	0.1
Other machinery and equipment	7.3	6.0	5.4	0.7	6.1	6.0	0.4	0.4
Other manufacturing(b)	21.0	17.9	13.0	5.2	18.5	18.5	0.6	1.6
Electricity, gas and water	12.0	12.0	11.1	0.9	12.1	12.1	—	—
Construction	25.6	23.3	20.2	2.6	22.8	21.7	1.7	2.0
Wholesale and retail trade	93.1	92.3	51.0	42.8	93.8	94.9	2.2	2.0
Wholesale trade	31.4	30.8	23.3	8.1	31.4	31.4	1.5	1.0
Retail trade	61.6	61.5	27.7	34.7	62.3	63.6	1.6	1.7
Transport and storage	24.8	25.6	21.7	4.0	25.8	26.7	0.5	0.6
Communication	9.5	9.6	7.3	2.2	9.5	9.7	—	—
Finance, property and business services	44.1	43.6	21.7	22.1	43.9	44.4	1.5	2.0
Public administration and defence(c)	20.1	20.8	14.6	6.6	21.2	21.3	—	—
Community services	104.3	105.2	38.9	66.3	105.2	104.5	1.5	0.9
Health	42.6	43.9	10.3	33.5	43.9	44.2	1.1	0.5
Education	42.3	42.6	17.8	24.6	42.4	41.6	0.7	0.6
Other community services	19.4	18.7	10.7	8.2	18.9	18.7	0.7	0.5
Recreation, personal and other services(d)	31.1	32.6	13.1	19.4	32.5	34.0	3.7	3.3
Total all industries(e)	449.8	449.7	269.8	181.6	451.4	454.4	5.3	5.2
Standard error(a)—level	5.7	4.6	3.2	2.5	4.6	5.3		

For footnotes see Table 8.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - INDUSTRY
(' 000)

Industry	Sept. 1983	Oct. 1983	Nov. 1983		Dec. 1983		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	3.3	3.3	3.2	0.2	3.4	3.3	—	—
Manufacturing	23.9	24.6	20.0	5.0	25.0	25.1	0.2	0.2
Food, beverages and tobacco	5.6	6.2	4.1	2.3	6.4	6.5	0.1	0.1
Paper, printing and publishing	4.9	5.2	4.4	0.9	5.3	5.3	—	0.1
Chemical, petroleum and coal products; non-metallic mineral products	1.6	1.6	1.5	0.1	1.6	1.6	—	—
Metal products	5.0	5.0	4.6	0.3	4.9	5.0	—	0.1
Other manufacturing(b)	6.9	6.6	5.4	1.4	6.8	6.8	0.1	0.1
Electricity, gas and water	5.5	5.4	4.9	0.4	5.3	5.4	—	—
Construction	5.4	6.0	5.4	0.8	6.2	6.3	0.4	0.3
Wholesale and retail trade	23.8	23.3	13.2	10.6	23.8	24.5	0.9	0.8
Wholesale trade	6.6	6.6	5.1	1.6	6.6	6.8	0.3	0.3
Retail trade	17.2	16.7	8.1	9.1	17.2	17.8	0.9	0.7
Transport and storage	6.6	6.4	5.6	0.8	6.3	6.3	0.2	0.2
Communication	3.2	3.3	2.6	0.7	3.3	3.2	—	—
Finance, property and business services	12.7	12.0	6.6	5.5	12.1	12.4	2.0	1.8
Public administration and defence(c)	7.2	7.3	5.1	2.2	7.3	7.4	—	—
Community services	35.1	35.2	13.2	22.1	35.4	34.8	0.4	0.3
Health	13.3	13.5	2.8	10.8	13.6	13.6	0.3	0.3
Education	16.6	16.4	6.6	9.8	16.4	15.9	0.2	0.1
Other community services	5.3	5.3	3.9	1.4	5.3	5.3	0.1	0.1
Recreation, personal and other services(d)	9.6	9.9	3.9	6.1	10.0	10.3	0.7	0.6
Total all industries(e)	137.4	137.4	84.3	54.5	138.8	139.9	2.4	2.2
Standard error(a)—level	2.5	2.1	1.6	0.9	2.2	2.4		

(a) See Explanatory notes, paragraphs 16-22. (b) Includes textiles, clothing and footwear; wood, wood products and furniture; transport equipment, other machinery and equipment; miscellaneous manufacturing. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (d) Excludes private households employing staff. (e) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

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TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY—INDUSTRY
(' 000)

Industry	Sept. 1983	Oct. 1983	Nov. 1983		Dec. 1983		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	1.8	2.0	1.7	0.3	2.0	2.0	0.2	—
Manufacturing	2.3	2.6	2.0	0.5	2.5	2.2	0.1	0.1
Electricity, gas and water	0.3	0.3	0.2	0.1	0.3	0.3	—	—
Communication	1.1	1.1	0.8	0.3	1.1	1.1	—	—
Public administration and defence(b)	5.9	6.2	4.0	2.2	6.2	6.2	—	—
Community services	11.6	11.7	5.2	6.5	11.7	11.3	0.2	—
Health	3.4	3.2	0.9	2.2	3.0	3.1	0.1	0.1
Education	4.9	5.1	2.1	3.1	5.2	4.9	0.1	0.1
Other community services	3.3	3.4	2.2	1.2	3.4	3.3	0.2	—
Other industries(c)	20.1	22.2	13.1	8.8	21.9	21.7	0.9	0.8
Total all industries	43.1	45.9	27.0	18.6	45.7	44.8	1.0	0.8
Standard error(a)—level	1.0	1.1	0.7	0.6	1.0	1.0		

(a) See Explanatory notes, paragraphs 16-22. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (c) Includes construction; wholesale and retail trade; transport and storage; finance, property and business services; recreation, personal and other services.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY—INDUSTRY
(' 000)

Industry	Sept. 1983	Oct. 1983	Nov. 1983		Dec. 1983		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Manufacturing	3.8	3.7	2.7	1.0	3.7	3.7	0.1	0.2
Electricity, gas and water	0.8	0.8	0.7	0.1	0.8	0.8	—	—
Communication	1.8	1.8	1.2	0.6	1.8	1.8	—	—
Public administration and defence(b)	28.9	29.2	18.0	11.5	29.5	29.8	—	—
Community services(c)	27.9	26.8	11.0	16.6	27.5	27.4	0.7	0.9
Health	6.3	6.3	1.2	5.4	6.5	6.5	0.4	0.3
Education	14.6	14.5	6.3	8.4	14.7	14.7	0.3	0.3
Other industries(d)	37.7	40.2	23.8	17.4	41.1	41.7	1.8	1.6
Total all industries(e)	101.2	102.8	57.6	47.1	104.7	105.6	2.0	1.8
Standard error(a)—level	2.2	1.9	1.1	1.6	2.0	2.0		

(a) See Explanatory notes, paragraphs 16-22. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (c) Includes components not shown separately. (d) Includes mining; construction; wholesale and retail trade; transport and storage; finance, property and business services; recreation, personal and other services. (e) Includes wage and salary earners employed by government agencies classified to agriculture, forestry, fishing and hunting.